



(19)

(11) Publication number:

08027273

Generated Document.

## PATENT ABSTRACTS OF JAPAN

(21) Application number: 06159951

(51) Int'l. Cl.: C08G 77/38 A61K 7/42 C08K 5/07 C08K 5/54 C08L 83/04

(22) Application date: 12.07.94

(30) Priority:

(43) Date of application publication: 30.01.96

(84) Designated contracting states:

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### (54) PRODUCTION OF ULTRAVIOLET LIGHT-ABSORBING SILICONE RESIN POWDER

#### (57) Abstract:

**PURPOSE:** To obtain the subject power, absorbing ultraviolet rays, transparent for visible light, having excellent fluidity and smooth touch feeling, useful as a cosmetic ingredient, by reaction of the surface of silicone resin powder with an amino group-contg. organosilicon compound and specific organic compound.

**CONSTITUTION:** The objective silicone resin powder is obtained by reaction of (A) silicone resin powder 0.1-30 $\mu$ m in average particle diameter having a silicon functional group on the surface with (B) a  $\beta$ -diketone compound of formula I {R1 is a (substituted) monovalent hydrocarbon, (substituted) monovalent heterocycle, substituted

carboxyl, OR<sub>4</sub> or NR<sub>4</sub>R<sub>5</sub> [R<sub>4</sub> is a substituted) monovalent hydrocarbon; R<sub>5</sub> is H or a substituted) monovalent hydrocarbon]; R<sub>2</sub> and R<sub>3</sub> are each same as R<sub>5</sub>} and (C) an amino group-contg, organosilicon compound of formula II (R<sub>6</sub> is same as R<sub>5</sub>; R<sub>7</sub> is a 2-6C alkylene; R<sub>8</sub> is a 3-6C alkylene or phenylene; R<sub>9</sub> is same as R<sub>4</sub>; X is a hydrolyzable group; (a) is 0, 1 or 2; (b) is 1-3) and/or (D) a reaction product of the components B and C.

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